AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1.   (Currently Amended) A computer readable medium having a data structure for managing reproduction duration of still pictures, comprising:

a clip information area storing at least one clip information file, each clip information file being associated with at least one stream file stored in a data area, the clip information file providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file;

a playlist area storing at least one playlist file, the playlist file referencing the clip information file and including at least one playitem and at least one sub-playitem, the playitem providing navigation information indicating an ~~at least one still picture from~~ in-point and out-point of a first stream file to reproduce at least one still picture and ~~providing~~ including first duration information ~~for display of the still picture~~ indicating whether to display the still picture for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of ~~for reproducing audio data from~~ a second stream file to reproduce the audio data, wherein

~~wherein the duration information includes still mode information and still time information, the still mode information indicating whether to display the still picture for one of a finite and an infinite period of time, an~~the playtime further includes second duration information ~~the still time information~~ indicating a length of time to display the still picture when the still mode information indicates to display the still picture for a finite period of

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time.

2.   (Previously Presented) The computer readable medium of claim 1, further comprising:

a data area storing the first and second files.

3.   (Previously Presented) The computer readable medium of claim 1, wherein the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

4.   (Previously Presented) The computer readable medium of claim 3, wherein the related data includes graphics data.

5.   (Previously Presented) The computer readable medium of claim 3, wherein the related data includes subtitle data.

6.   (Previously Presented) The computer readable medium of claim 3, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

7.   (Previously Presented) The computer readable medium of claim 1, further comprising:

a data area storing the first file, and the first file does not include audio data.

8.-12.   (Cancelled)

13.   (Currently Amended) A computer readable medium having a data structure for managing reproduction duration of still pictures, comprising:

a data area storing <u>at least one stream file for</u> presentation data, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data, the related data not including audio data;

a clip information area storing at least one clip information file, each clip information file being associated with ~~at least one~~ <u>the</u> stream file stored in the data area, the clip information file providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and

a ~~navigation~~ <u>playlist</u> area storing at least one playlist <u>file</u>, the playlist <u>file</u> referencing the clip information file and including at least one playitem, the playitem indicating <u>an in-point and out-point of the stream file to reproduce</u> at least one of the still picture units ~~to reproduce~~ and ~~providing~~ <u>including first</u> duration information ~~for display of the still picture~~<u>indicating whether to display the still picture in the still picture unit for one of a finite and an infinite period of time</u>~~in the still picture unit~~,

wherein ~~the duration information includes still mode information and still time information, the still mode information indicating whether to display the still picture for one of a finite and an infinite period of time, and~~<u>the</u> <u>the playtime further includes second duration information</u> ~~still time information~~indicating a length of time to display the still picture when the still mode information indicates to display the still picture for a finite period of time.

14.   (Previously Presented) The computer readable medium of claim 13, wherein the related data in at least one still picture unit includes graphics data.

15.   (Previously Presented) The computer readable medium of claim 13, wherein the related data in at least one still picture unit includes subtitle data.

16.   (Previously Presented) The computer readable medium of claim 13, wherein the data area stores the presentation data in a first clip file, and stores audio data in a second clip file.

17.   (Previously Presented) The computer readable medium of claim 16, wherein the playlist further includes at least one sub-playitem, the sub-playitem providing navigation information for reproducing the audio data from the second clip file.

18.   (Previously Presented) The computer readable medium of claim 13, wherein each still picture unit includes only one still picture.

19.-23. (Cancelled)

24.   (Currently Amended) A method of recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

recording at least one clip information file in a clip information file area of the recording medium, each clip information file being associated with at least one stream file stored in a data area of the recording medium and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and

recording at least one playlist file on the recording medium, the playlist file referencing the clip information file and including at least one playitem and at least one sub-playitem, the playitem providing navigation information indicating ~~at least one still picture from~~ an in-point and out-point of a first stream file to reproduce at least one still picture and ~~providing~~ including first duration information ~~for display of the still picture~~ indicating whether to display the still picture for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of ~~for reproducing audio data from~~ a second stream file to reproduce audio data,

wherein ~~the duration information includes still mode information and still time information, the still mode information indicating whether to display the still picture for one of a finite and an infinite period of time, and~~

~~the~~ the playitem further includes second duration information ~~still time information~~ indicating a length of time to display the still picture when the still mode information indicates to display the still picture for a finite period of time.

25.   (Currently Amended) A method of reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

reproducing a playlist file and at least one clip information file referenced by the playlist file from a recording medium, each clip information file being associated with at least one stream file and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and

reproducing at least one playitem and at least one sub-playitem in the playlist file, ~~from the playlist,~~ the playitem providing navigation information indicating ~~at least one still picture from~~ an in-point and out-point of a first stream file to reproduce at least one still

picture and ~~providing~~ including first duration information ~~for display of the still picture~~ indicating whether to display the still picture for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of ~~for reproducing audio data from~~ a second stream file to reproduce the audio data,

wherein ~~the duration information includes still mode information and still time information, the still mode information indicating whether to display the still picture for one of a finite and an infinite period of time, and~~

the playitem further includes second duration information ~~the still time information~~ indicating a length of time to display the still picture when the still mode information indicates to display the still picture for a finite period of time.

26. (Currently Amended) An apparatus for recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

a pickup configured to record data on the recording medium;

a controller configured to control the pickup to record at least one clip information file in a clip information file area of the recording medium, each clip information file being associated with at least one stream file stored in a data area of the recording medium and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and

the controller configured to control the pickup to record at least one playlist file on the recording medium, the playlist file referencing the clip information file and including at least one playitem and at least one sub-playitem, the playitem providing navigation information indicating ~~at least one still picture from~~ an in-point and out-point of a first stream ~~file~~ to reproduce at least one still picture and ~~providing~~ including first duration information ~~for~~

~~display of the still picture~~indicating whether to display the still picture for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of ~~for reproducing audio data from~~ a second stream file to reproduce the audio data, ·

wherein ~~the duration information includes still mode information and still time information, the still mode information indicating whether to display the still picture for one of a finite and an infinite period of time, and~~

the playitem further includes second duration information ~~the still time information~~ indicating a length of time to display the still picture when the still mode information indicates to display the still picture for a finite period of time.

27.   (Currently Amended)   An apparatus for reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

a pickup configured to reproduce data recorded on the recording medium;

a controller configured to control the pickup to reproduce a playlist file and at least one clip information file referenced by the playlist file from the recording medium, each clip information file being associated with at least one stream file and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and

the controller configured to control the pickup to reproduce at least one playitem and at least one sub-playitem from the playlist, the playitem providing navigation information indicating ~~at least one still picture from~~an in-point and out-point of a first stream file to reproduce at least one still picture and ~~providing~~including first duration information ~~for~~ ~~display of the still picture~~indicating whether to display the still picture for one of a finite and

an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of ~~for reproducing audio data from~~ a second stream file to reproduce the audio data,

wherein ~~the duration information includes still mode information and still time information, the still-mode information indicating whether to display the still picture for one of a finite and an infinite period of time, and~~

the playitem further includes second duration information ~~the still time information~~ indicating a length of time to display the still picture when the still mode information indicates to display the still picture for a finite period of time.

28.   (Previously Presented) The method of claim 24, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

29.   (Previously Presented) The method of claim 28, wherein the related data includes graphics data.

30.   (Previously Presented) The method of claim 28, wherein the related data includes subtitle data.

31.   (Previously Presented) The method of claim 28, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

32.   (Previously Presented) The method of claim 24, further comprising:

a data area storing the first file, and the first file does not include audio data.

33.-34. (Cancelled)

35. (Previously Presented) The method of claim 25, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

36. (Previously Presented) The method of claim 35, wherein the related data includes graphics data.

37. (Previously Presented) The method of claim 35, wherein the related data includes subtitle data.

38. (Previously Presented) The method of claim 35, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

39. (Previously Presented) The method of claim 35, further comprising:

a data area storing the first file, and the first file does not include audio data.

40.-41. (Cancelled)

42. (Previously Presented) The apparatus of claim 26, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

43.   (Previously Presented) The apparatus of claim 42, wherein the related data includes graphics data.

44.   (Previously Presented The apparatus of claim 42, wherein the related data includes subtitle data.

45.   (Previously Presented) The apparatus of claim 42, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

46.   (Previously Presented) The apparatus of claim 26, further comprising:

a data area storing the first file, and the first file does not include audio data.

47.-48.   (Cancelled)

49.   (Previously Presented) The apparatus of claim 27, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

50.   (Previously Presented) The apparatus of claim 49, wherein the related data includes graphics data.

51.   (Previously Presented) The apparatus of claim 49, wherein the related data includes subtitle data.

52.   (Previously Presented) The apparatus of claim 49, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

53.   (Previously Presented) The apparatus of claim 27, further comprising:

a data area storing the first file, and the first file does not include audio data.

54-55.   (Cancelled)